|  | Application No.  | Applicant(s)   |
|--|--|--|
| Notice of Allowability   | 10/667,413   | KANATSH TOMOTOSHI  |
|  | Examiner   | KANATSU, TOMOTOSHI Art Unit                              |
|  | Coott A. Donner  |  |
|  | Scott A. Rogers  | 2625   |
| The MAILING DATE of this communication app<br>All claims being allowable, PROSECUTION ON THE MERITS IS<br>herewith (or previously mailed), a Notice of Allowance (PTOL-85<br>NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R<br>of the Office or upon petition by the applicant. See 37 CFR 1.31 | S (OR REMAINS) CLOSED in<br>b) or other appropriate commur<br>RIGHTS. This application is su | this application. If not included                        |
| This communication is responsive to  |  |  |
| 2. ☑ The allowed claim(s) is/are <u>1-22 and 24</u> .  |  |  |
| <ul> <li>3.  Acknowledgment is made of a claim for foreign priority u</li> <li>a)  All b)  Some* c)  None of the:</li> <li>1.  Certified copies of the priority documents hav</li> </ul>   |  | r (f).   |
| 2.   Certified copies of the priority documents have   |  | No   |
| <ol><li>Copies of the certified copies of the priority do</li></ol>  | ocuments have been received  | in this national stage application from the              |
| International Bureau (PCT Rule 17.2(a)).   |  |  |
| * Certified copies not received:   |  |  |
| Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  | of this communication to file a MENT of this application.                                    | a reply complying with the requirements                  |
| <ol> <li>A SUBSTITUTE OATH OR DECLARATION must be subm<br/>INFORMAL PATENT APPLICATION (PTO-152) which giv</li> </ol>  | nitted. Note the attached EXAI<br>res reason(s) why the oath or o                            | MINER'S AMENDMENT or NOTICE OF declaration is deficient. |
| 5. CORRECTED DRAWINGS ( as "replacement sheets") mu  | st be submitted.   |  |
| (a) Including changes required by the Notice of Draftsper  |  | ( PTO-948) attached                                      |
| 1)  hereto or 2)  to Paper No./Mail Date   |  |  |
| <ul><li>(b) including changes required by the attached Examiner<br/>Paper No./Mail Date</li></ul>  |  |  |
| Identifying indicia such as the application number (see 37 CFR feach sheet. Replacement sheet(s) should be labeled as such in  | 1.84(c)) should be written on the<br>the header according to 37 CFR                          | drawings in the front (not the back) of 1.1.21(d).       |
| <ol> <li>DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT</li> </ol>  | osit of BIOLOGICAL MATE  | RIAL must be submitted. Note the LOGICAL MATERIAL.       |
|  |  |  |
|  |  |  |
| Attachment(s)  | _  |  |
| 1. Notice of References Cited (PTO-892)  |  | rmal Patent Application                                  |
| 2. Notice of Draftperson's Patent Drawing Review (PTO-948)   |  | nmary (PTO-413),<br>lail Date                            |
| <ol> <li>Information Disclosure Statements (PTO/SB/08),<br/>Paper No./Mail Date 11/25/2003</li> </ol>  | 7. 🛭 Examiner's A  | mendment/Comment   |
| Examiner's Comment Regarding Requirement for Deposit of Biological Material  | 8. 🛛 Examiner's S  | tatement of Reasons for Allowance                        |
|  | 9. 🗌 Other   | a cottArrogur  |
|  |  | SCOTT ROGERS PRIMARY EXAMINER                            |

## Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Leonard Diana on 01 August 2007.

The application has been amended as follows:

Deleted claim 23 (a non-statutory computer program per se).

In claim 24, on line 1, before "storage medium", inserted ---computer readable---.

## Examiner's Reasons for Allowance

The following is an examiner's statement of reasons for allowance:

Referring to claims 1-22 and 24 the prior art searched and of record neither anticipates nor suggests in the claimed combinations, creating a white-to-black inverted image by inverting the insides of black pixel blocks, sampling white pixel blocks and black pixel blocks from the inverted image, and adding data to the tree structure regarding these sampled white pixel blocks and black pixel blocks. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Scott A Rogers whose telephone number is 571-272-7467. The examiner can normally be reached Monday through Friday 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ed Coles can be reached at 571-272-7402.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to TC2600 Customer Service at 571-272-2600. Official correspondence by facsimile should be sent to 571-273-8300. The USPTO contact Center phone numbers are 800-PTO-9199.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SCOTT ROGERS RIMARY EXAMINER

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